

Claims

1. A polarizing plate provided with optical compensation layers comprising a polarizer, a first optical compensation layer, a second optical compensation layer, and a third optical compensation layer in the stated order, wherein:

the first optical compensation layer contains a resin having an absolute value of photoelastic coefficient of $2 \times 10^{-11} \text{ m}^2/\text{N}$ or less, and has a relationship of $n_x > n_y = n_z$ and an in-plane retardation Re_1 of 200 to 300 nm;

the second optical compensation layer contains a resin having an absolute value of photoelastic coefficient of $2 \times 10^{-11} \text{ m}^2/\text{N}$ or less, and has a relationship of $n_x > n_y = n_z$ and an in-plane retardation Re_2 of 90 to 160 nm;

the third optical compensation layer has a relationship of $n_x = n_y > n_z$, an in-plane retardation Re_3 of 0 to 20 nm, and a thickness direction retardation Rth_3 of 30 to 300 nm;

an absorption axis of the polarizer and a slow axis of the first optical compensation layer form an angle of 10° to 30° ;

the absorption axis of the polarizer and a slow axis of the second optical compensation layer form an angle of 70° to 95° ; and

the absorption axis of the polarizer and a slow axis of the third optical compensation layer form an angle of 70° to 95° .

2. A polarizing plate provided with optical compensation layers according to claim 1, wherein the third optical compensation layer has a thickness of 1 to 50 μm .

3. A polarizing plate provided with optical compensation layers according to claim 1 or 2, wherein the third optical compensation layer is formed of a cholesteric alignment fixed layer having a selective reflection wavelength region of 350 nm or less.

4. A polarizing plate provided with optical compensation layers according to claim 1 or 2, wherein the third optical compensation layer includes a layer formed of a film having a relationship of $n_x = n_y > n_z$ and containing a resin having an absolute value of photoelastic coefficient of $2 \times 10^{-11} \text{ m}^2/\text{N}$ or less and a cholesteric alignment fixed layer having a selective reflection wavelength region of 350 nm or less.

5. Aliquid crystal panel comprising the polarizing plate provided with optical compensation layers according to any one of claims 1 to 4, and a liquid crystal cell.

6. Aliquid crystal panel according to claim 5, wherein the liquid crystal cell is of reflective or semi-transmissive VA mode.

7. A liquid crystal display apparatus comprising the liquid crystal panel according to claim 5 or 6.

8. An image display apparatus comprising the polarizing plate provided with optical compensation layers according to any one of claims 1 to 4.